

Application No. 10/673,068
Reply Dated: November 7, 2005
In response to Final Office Action dated: September 9, 2005

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the application:

1. (Currently Amended) A liquid crystal display apparatus comprising:
a liquid crystal display panel that displays a picture;
a back light assembly that emits light to the liquid crystal display panel, the back light assembly including:

first and second light guide plates spaced from each other ;

a first lamp assembly disposed adjacent to the first light guide plate;

a second lamp assembly disposed adjacent to the second light guide plate;

a mold frame to support the back light assembly, the mold frame including:

a first accommodation space to receive the first light guide plate and the first lamp assembly;

a second accommodation space to receive the second light guide and the second lamp assembly; and

a spacing part disposed between the first and second lamp assemblies,

wherein the spacing part includes an upper surface making contact with the first lamp assembly, and a lower surface making contact with the second lamp assembly.

2. (Previously Presented) The liquid crystal display apparatus according to claim 1, wherein the spacing part is further disposed between an end portion of the first light guide plate and an end portion of the second light guide plate.

3. (Previously Presented) The liquid crystal display apparatus according to claim 1, wherein the back light assembly further comprises a reflector provided on a rear of the second light guide plate and reflecting the light.

4. (Canceled)

Application No. 10/673,068
Reply Dated: November 7, 2005
In response to Final Office Action dated: September 9, 2005

5. (Currently Amended) The liquid crystal display apparatus according to claim 2[[4]], wherein the spacing part comprises a blocking protrusion preventing the auxiliary reflector plate from moving toward the inside in a horizontal direction.

6. (Previously Presented) The liquid crystal display apparatus according to claim 1, wherein the back light assembly further comprises first and second optical diffusers provided on a lower surface of the first light guide plate and an upper surface of the second light guide plate, respectively.

7. (Previously Presented) The liquid crystal display apparatus according to claim 1, wherein the back light assembly further comprises an optical diffuser provided on a surface of the first light guide plate or on a surface of the second light guide plate.

8. (Previously Presented) The liquid crystal display apparatus according to claim 6, wherein each of the first and second optical diffusers has a convexo-concave pattern.

9. (Previously Presented) The liquid crystal display apparatus according to claim 7, wherein the optical diffuser has a convexo-concave pattern.

10. (Previously Presented) The liquid crystal display apparatus according to claim 1, wherein each of the first and second lamp assemblies comprises:

a lamp disposed in a circumference of the first or second light guide plate; and
a lamp reflector to surround the lamp and prevent the light of the lamp from radiating to a direction opposite to the first or second light guide plate.

11. (Previously Presented) The liquid crystal display apparatus according to claim 10, further comprising a front frame installed between the liquid crystal display panel and the first light guide plate.

Application No. 10/673,068
Reply Dated: November 7, 2005
In response to Final Office Action dated: September 9, 2005

12. (Original) The liquid crystal display apparatus according to claim 1, comprising:

- a PCB operating the liquid crystal display panel; and
- a FPC connecting the liquid crystal display panel and the PCB, and folded at an edge of the back light assembly to install the PCB on one side of the circumference of the back light assembly.

13. – 18. (Canceled)

19. (Currently Amended) A back light assembly comprising:

- a first light guide plate;
- a second light guide plate spaced from the first light guide plate;
- a first lamp assembly disposed adjacent to the first light guide plate and to emit light toward the first light guide plate;
- a second lamp assembly disposed adjacent to the second light guide plate and to emit the light toward the second light guide plate;
- a spacing part disposed between the first lamp assembly and the second assembly to prevent from electrical interference between the first and second lamp assemblies

wherein the spacing part includes an upper surface making contact with the first lamp assembly and a lower surface making contact with the second lamp assembly.

20. (Canceled)

21. (Previously Presented) The backlight assembly according to claim 19, wherein the spacing part is further disposed between an end portion of the first light guide plate and an end portion of the second light guide plate.

22. – 23. (Canceled)

Application No. 10/673,068
Reply Dated: November 7, 2005
In response to Final Office Action dated: September 9, 2005

24. (Previously Presented) The backlight assembly according to claim 19, wherein each of the first and second lamp assemblies comprises:

a lamp disposed in a circumference of the first or second light guide plate; and
a lamp reflector to surround the lamp and prevent the light of the lamp from radiating to a direction opposite to the first or second light guide plate.

25. (Previously Presented) The backlight assembly according to claim 19, further comprising an optical diffuser disposed on a surface of the first or second light guide plate.

26. (Previously Presented) The backlight assembly according to claim 25, wherein the optical diffuser has a convex-concave pattern.

27. – 28. (Canceled)

29. (Previously Presented) The liquid crystal display apparatus according to claim 1, further comprising a rear frame combined with a rear side of the mold frame in which the second light guide plate is received.

30. (Previously Presented) The liquid crystal display apparatus according to claim 1, further comprising:

a front frame combined with upper edges of the first light guide plate,
wherein the front frame includes a supporting groove provided on an upper surface of the front frame, the support groove receiving the liquid crystal display panel.

31. – 33. (Canceled)